

Wetlands Conservation Plan

Restoration Plan Database: Crystal Reports of Individual Plan Summaries

I. BASIC PLAN DATA

Plan name:

Wetlands Conservation Plan

Brief description of plan:

The Guam Wetlands Conservation Plan was developed to guide island stakeholders toward a balanced approach to wetland management, assuring that Guam's wetland resources and the function they perform are conserved and that degraded areas are restored.

Region the plan is located within:

Pacific Region

Watershed(s) included within the plan:

GU

Area plan covers (in square miles):

212.00 square miles

Plan scale:

State

Plan's lead organization(s):

Prepared by Winzler and Kelly Consulting Engineers and Daniel Wooster for Guam EPA

Plan's Main Contact Information:

Jesus Salas

On-line version of plan:

Date of original plan:

8/2000

II. TECHNICAL INFORMATION

Plan includes restoration goals: Y

Level of detail of the goals:

G

Summary of the goals:

To assure 'no net loss' of Guam's important wetland resource functions and values through a policy of identification, education, conservation and legal protection.

Plan recommends or uses criteria for selecting restoration sites (e.g. cost benefit ratio, ecological benefits):

Y

Summary of the criteria:

Classification of wetlands will be built on existing classification systems to catalogue the resource according to accepted morphological and functional criteria. The wetlands classes and subclasses in the Cowardian system, used for classification in the NWI maps, is the starting point for a Guam identification system. The hydrogeomorphic system classifies wetlands by functional attributes and provides a methodology that can be incorporated into the Guam specific classification system. Once identification and classification methodologies have been developed, it will be possible to categorize and rank Guam's wetlands. Classification will identify those sites that need restoration or that possess special functional, biological, or cultural attributes that are threatened by development or other impacts.

Plan recommends restoration of specific project sites:

N

Plan includes a discussion of funding sources:

Y

Plan addresses long-term protection of restored sites:

Y

Partners included in developing the plan:

Federal
State
Business/Industry
Academia

Type(s) of public outreach included during plan development:

Held public workshops, meetings, open house, or scoping meetings

Plan includes public outreach as part of plan implementation (e.g. annual public meeting, local group participation):

Y

Plan discusses the application of innovative approaches to restoration:

N

Plan make use of GIS mapping capabilities:

N

Plan addresses monitoring/reference sites for ecosystem level monitoring (baseline conditions) by:

G

Plan addresses monitoring/reference sites for project level monitoring by:

N

The plan discusses or coordinates with other restoration plans covering the same geographic area:

Y

Other plan names:

Discusses numerous Guam wetland programs, both state and federal, as examples but not as potential for coordination

Plan contains detailed information on historic and/or current habitat size, rate of loss, acres restored or protected, etc.):

Y

Summary of this habitat information:

Guam has a land area of 212 square miles. Estuarine wetland acreage is 915 acres. In the past 20 years, Guam's losses have been approximately less than 1 acre (estimate since production of Guam National Wetlands Inventory). Cumulative losses are equal to less than 50 acres. There has been no accurate estimate of the extent of loss of wetlands.